

### **AMENDMENTS TO THE DRAWINGS**

The attached sheets of drawings include changes to Figures 1, 2 and 4-6 and replace the original sheets. In Figure 1, previously mislabeled element 15 has been changed to 16. In Figure 2, previously mislabeled element 10 has been changed to 16. In Figures 4-6, element 34 has been reinserted into the formalized drawings. Furthermore, arrow 40 has been added to Figures 4 and 5.

Attachments: Three replacement sheets

Three annotated sheets showing changes

### REMARKS

This Amendment and Response is in response to the Office Action dated August 23, 2005 wherein the Examiner:

(i) objected to the drawings for failing to comply with 37 CFR 1.84(p)(5) and 37 CFR 1.84(p)(4) for various reasons;

(ii) rejected to claims 2, 6-8, 10, 12 and 13 for various informalities;

(iii) rejected claims 1, 3, and 17 under 35 U.S.C. §102(b) as being anticipated by Smith et al. (U.S. Patent No. 5,951,139) ("Smith");

(iv) rejected claims 1 and 4 under 35 U.S.C. §102(b) as being anticipated by Bladowski (U.S. Patent No. 5,838,247) ("Bladowski");

(v) rejected claims 1 and 13 under 35 U.S.C. §102(e) as being anticipated by Chuang (U.S. Patent No. 6,527,420) ("Chuang '420");

(vi) rejected claims 1 and 13 under 35 U.S.C. §102(e) as being anticipated by Chuang (U.S. Patent No. 6,425,677) ("Chuang '677");

(vii) rejected claims 4 and 6 under 35 U.S.C. §103(a) as being unpatentable over Chuang '677;

(viii) rejected claim 10 under 35 U.S.C. §103(a) as being unpatentable over Smith;

(ix) rejected claim 12 under 35 U.S.C. §103(a) as being unpatentable over Smith;

(x) rejected claims 7 and 8 under 35 U.S.C. §103(a) as being unpatentable over Bladowski;

and

(xi) objected to claims 2 as being dependent on a rejected base claim but indicated that this claim would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claims.

Applicants have thoroughly reviewed the outstanding Office Action including the Examiner's remarks and the references cited therein. The following remarks are believed to be fully responsive to the

Office Action and, when coupled with the amendments made herein, are believed to render all claims at issue patentably distinguishable over the cited references.

Applicant has amended claims 1, 2, 6-8, 10, 12, 13 and 17, canceled claims 5, 9, 11, 14-16 and 18-38 and added new claims 39-53. All the changes are made for clarification and are based on the application and drawings as originally filed. It is respectfully submitted that no new matter is added. Applicant respectfully requests reconsideration and allowance of claims 1-4, 6-8, 10, 12, 13, 17 and 39-53 in light of the above amendments and the following remarks.

#### **Objections to the Drawings**

The Examiner has objected to the drawings for failing to comply with 37 CFR 1.84(p)(5) and 37 CFR 1.84 (p)(4) for various reasons. Applicant has amended the drawings as follows: (i) in Figure 1, previously mislabeled element 15 has been changed to 16, (ii) in Figure 2, previously mislabeled element 10 has been changed to 16, (iii) in Figures 4-6, element 34 has been reinserted into the formalized drawings (which was included in the figures originally filed with this application), and (iv) arrow 40 has been added to Figures 4 and 5. Applicant respectfully requests that the Examiner withdraw his objections to the drawings.

#### **Objections to the Claims**

The Examiner has objected to claims 2, 6-8, 10, 12 and 13 for various informalities. Applicant has amended these claims to traverse the Examiner's objections. With respect to the Examiner's objection to claim 2, Applicant respectfully submits that the Examiner is incorrect when asserting that because "the means for collecting light is a truncated pyramid shape ... that there is no top surface" (see pg. 2 of the Office Action). As stated on page 6 of the Application as filed, Applicant specifically discusses that the "truncated pyramid 14 may be but is not limited to a solid or hollow structure". It is inherent that a solid structure truncated pyramid would have a top side, in contravention of the Examiner's assertion. Nonetheless, Applicant has amended this claim to clarify that the light exits a "top portion" of the means

for collecting light, so as to traverse the Examiner's objection, and also to clarify that the means for collecting light may be hollow or solid. Based on the amendments to claims 2, 6-8, 10, 12 and 13 above, Applicant respectfully submits that these claims are in condition for allowance

**Rejections under 35 U.S.C. § 102 and § 103**

The Examiner has rejected (i) claims 1, 3, and 17 under 35 U.S.C. § 102(b) as being anticipated by Smith, (ii) claims 1 and 4 under 35 U.S.C. § 102(b) as being anticipated by Bladowski, (iii) claims 1 and 13 under 35 U.S.C. § 102(e) as being anticipated by Chuang '420, (iv) claims 1 and 13 under 35 U.S.C. § 102(e) as being anticipated by Chuang '677, (v) claims 4 and 6 under 35 U.S.C. § 103(a) as being unpatentable over Chuang '677, (vi) claim 10 under 35 U.S.C. § 103(a) as being unpatentable over Smith, (vii) rejected claim 12 under 35 U.S.C. § 103(a) as being unpatentable over Smith, and (viii) claims 7 and 8 under 35 U.S.C. § 103(a) as being unpatentable over Bladowski. Applicant respectfully traverses such rejections for the reasons set forth below.

Applicant respectfully submits that each of the references relied upon by the Examiner, whether alone or in combination, fails to disclose, discuss or suggest each and every limitation of the claims. For instance, none of the cited references discloses, discusses or suggests a system that "directs output light through a top portion of the means for collecting light" as provided for by all of the claims at issue. Therefore, Applicant submits that these claims are in condition for allowance.

Furthermore, Applicant submits that the newly added claims above are also allowable over the prior art. The new claims are similar to those previously presented, and are allowable for reasons similar to those discussed above.

**Conclusion**

In light of the above remarks, it is respectfully submitted that Applicant has responded in a fully satisfactory manner to all matters at issue in this Application, and that this Application is now in condition for allowance. In this regard, Applicant has made every effort to comply with the requirements

U.S. Application Serial No. 10/693,329  
Attorney Docket: 46675-0005  
Reply to Office Action of August 23, 2005

set forth in the Office Action as well as the statutory requirements. Accordingly, Applicant respectfully requests that the Examiner allow the pending claims and pass the Application to issue. If the Examiner believes that personal communication will expedite prosecution of this application, he is invited to telephone the undersigned at (248) 433-7570.

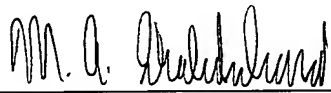
Applicant believes there are no fees due for this document, however, if any fees are due, the Patent Office is authorized to charge or refund any fee deficiency or excess to Deposit Account No. 04-1061 in the name of Dickinson Wright PLLC.

Prompt and favorable consideration of this response is respectfully requested.

Respectfully submitted,

Dickinson Wright PLLC  
Attorneys for Applicant(s)

Date: February 21, 2006

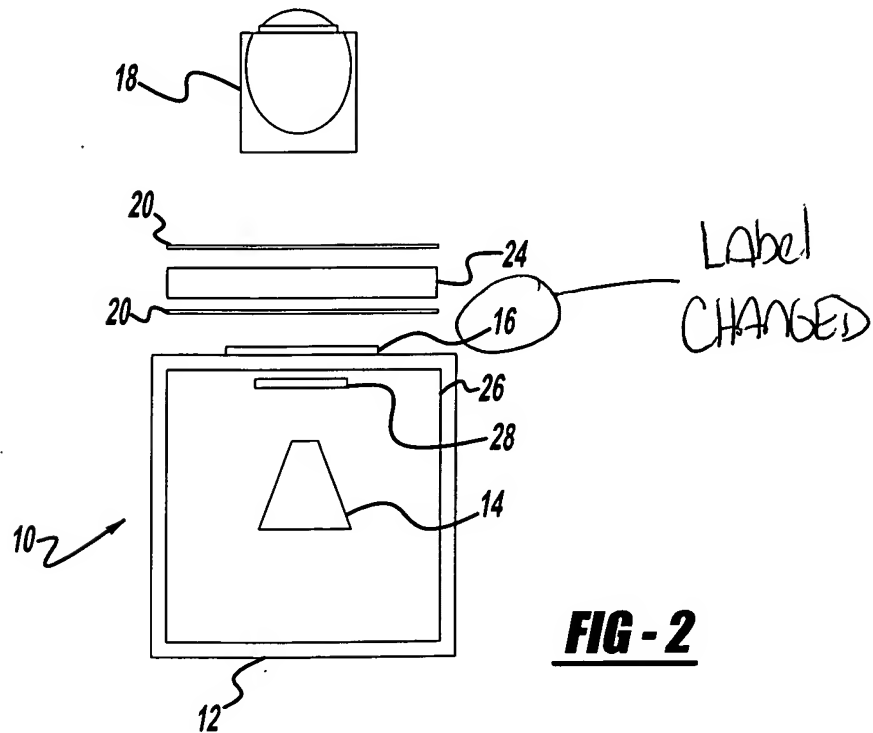
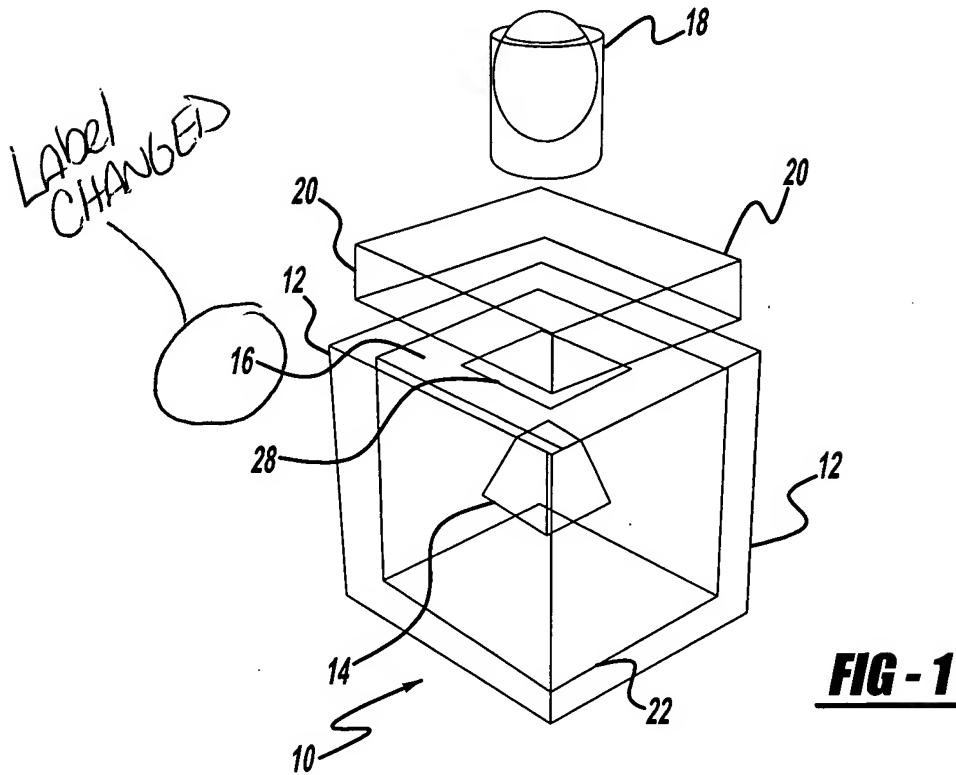
By:   
Michael A. Schaldenbrand  
Reg. No. 47,923

Dickinson Wright PLLC  
1901 L Street NW, Suite 800  
Washington, D.C. 20036  
(248) 433-7570

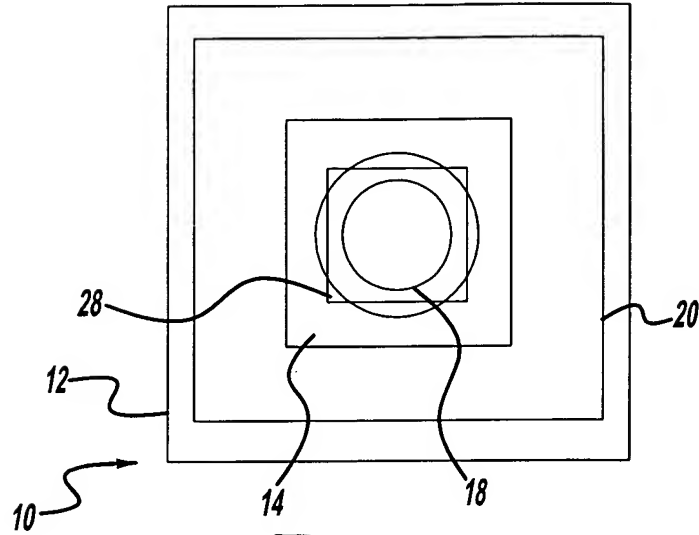
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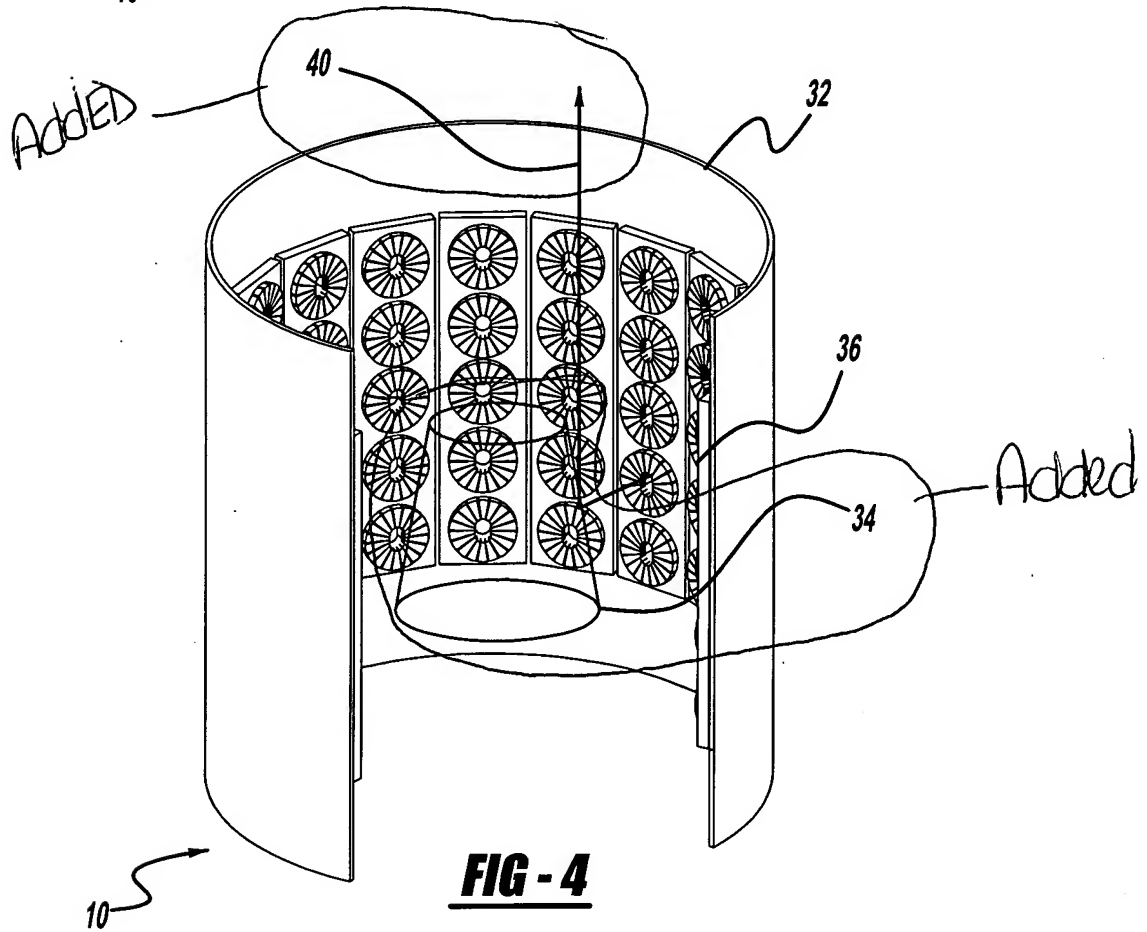
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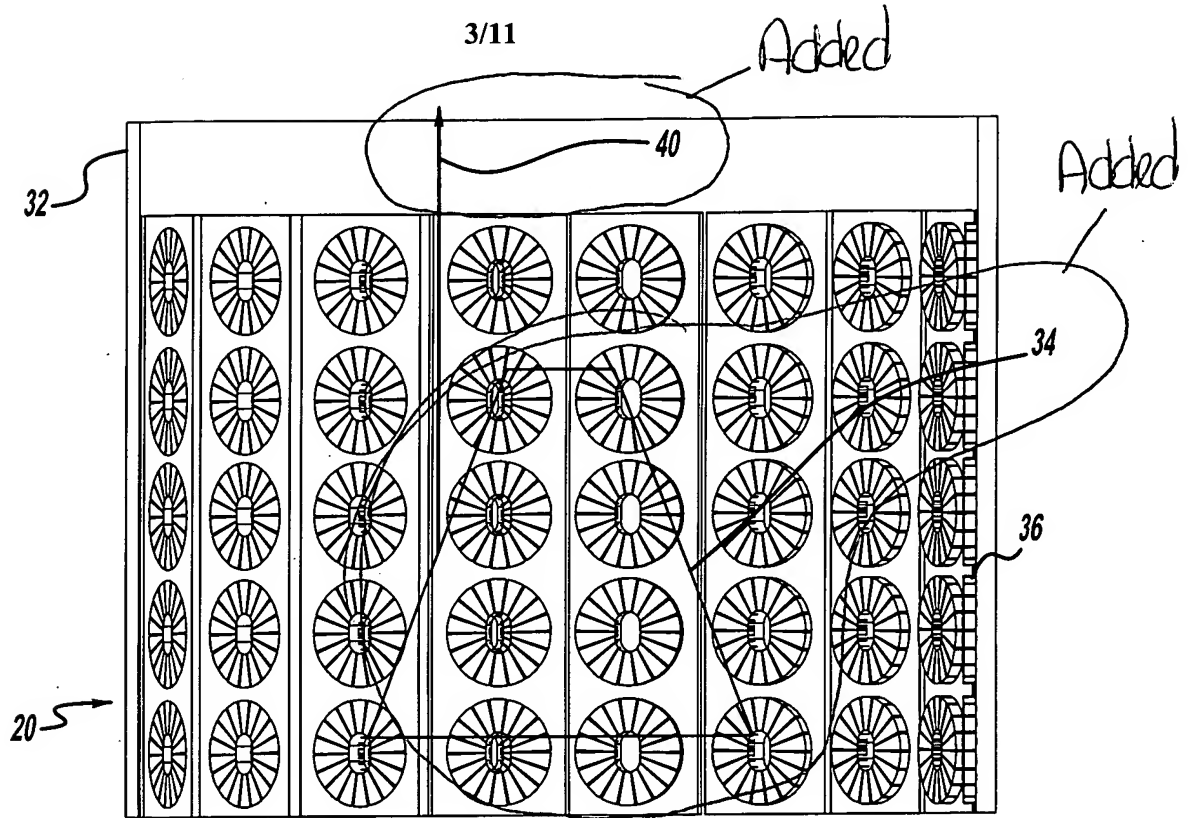
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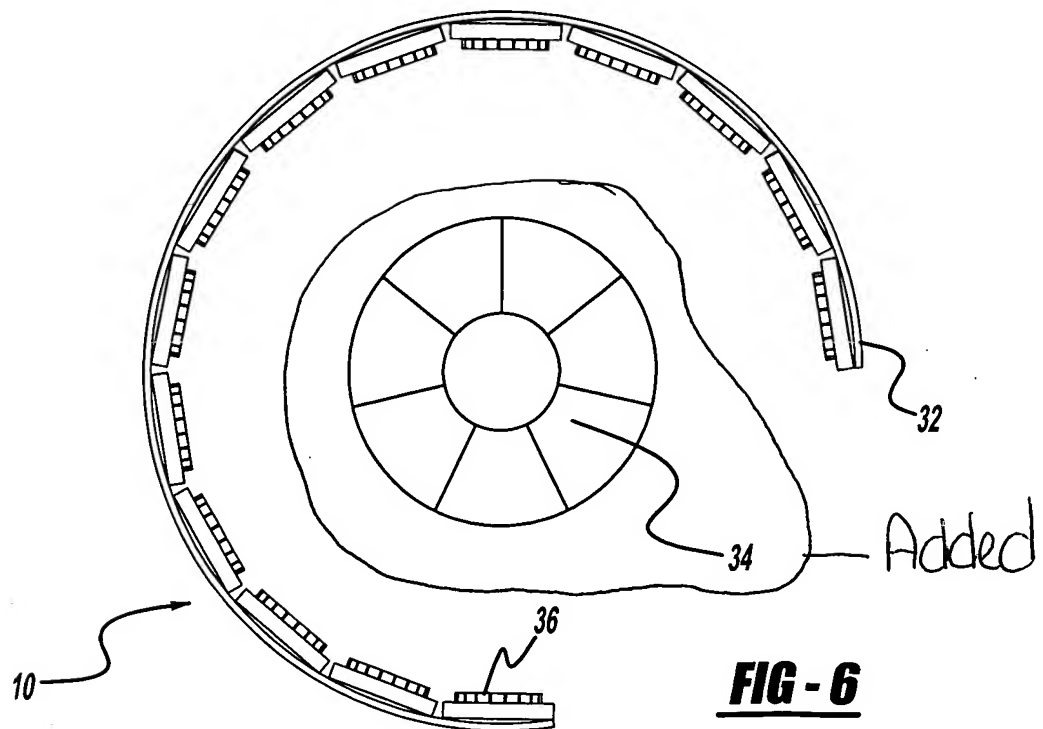
**FIG - 3**



**FIG - 4**



**FIG - 5**



**FIG - 6**